



(19)

(11) Publication number: 0:

Generated Document.

PATENT ABSTRACTS OF JAPAN(21) Application number: **04092373**(51) Intl. Cl.: **C10L 5/00 A62C 3/04**(22) Application date: **19.03.92**

(30) Priority:	(71) Applicant: IDEMITSU KOSAN CO NIPPON OIL & FATS C
(43) Date of application publication: 12.10.93	(72) Inventor: ONODERA SHO ISHIZAKI KOJI KITADA YOSHIYUKI
(84) Designated contracting states:	(74) Representative:

**(54) INHIBITOR FOR
SPONTANEOUS IGNITION
OF COAL**

(57) Abstract:

PURPOSE: To provide an inhibitor for suppressing the deterioration of coal due to oxidation and the spontaneous ignition of coal during transportation and storage by mixing a specified polyoxyalkylene ether compound with a water-soluble basic amine compound.

CONSTITUTION: This inhibitor is obtained by mixing 1-95wt.% polyoxyalkylene ether compound of a propylene oxide content in the polyoxyalkylene part of 10-100wt.% and a weight-average molecular weight of 400-20000 with 99-5wt.% water-soluble basic amine compound. The inhibitor is diluted with water to form a solution of a concentration of 0.01-10wt.% and sprayed on coal in an amount of 1-1000ppm (in terms of the effective component).

COPYRIGHT: (C)1993,JPO&Japio

3 PAGE BLANK (USPTO)